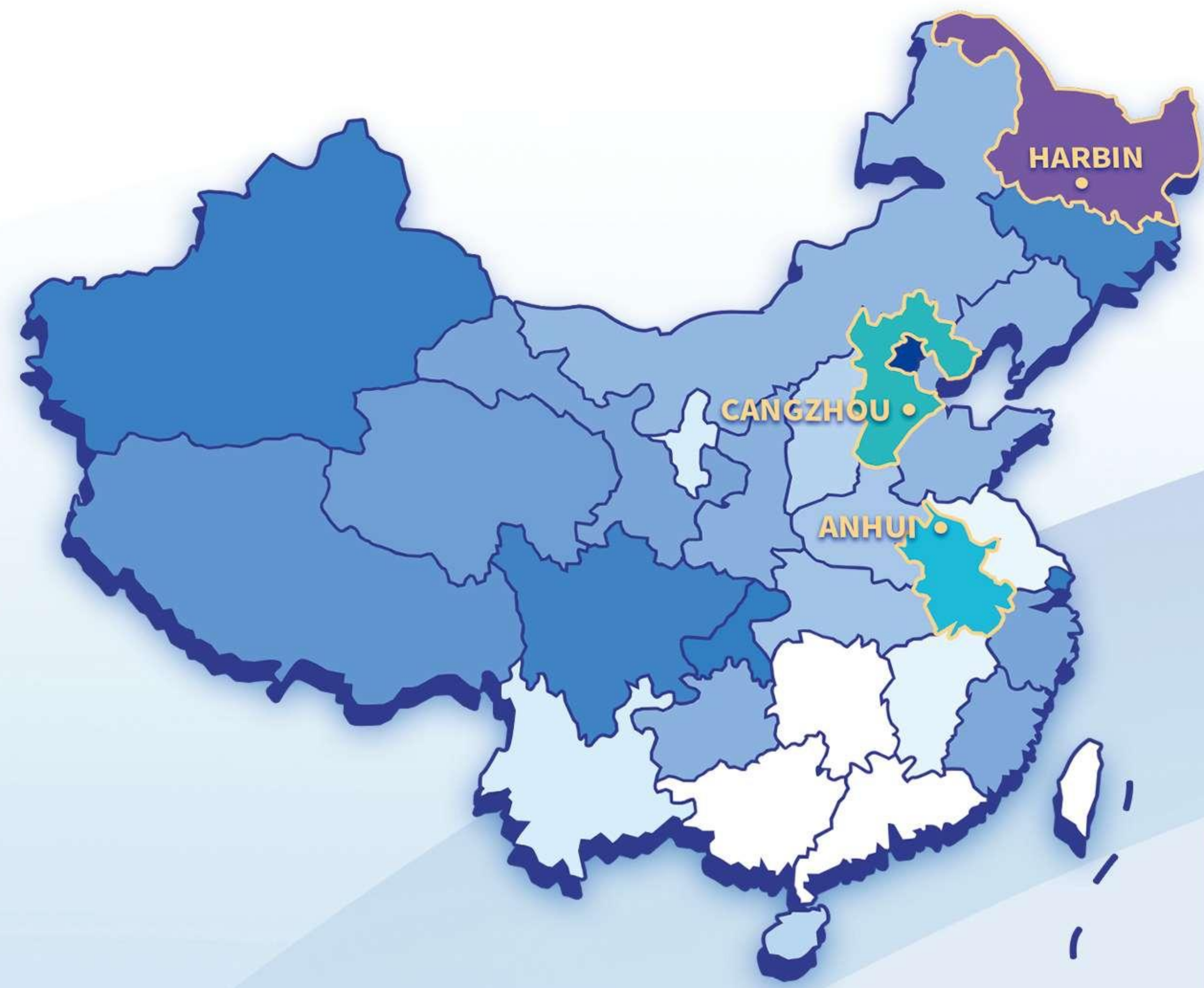




**HARBIN DONGSHENG
METAL TECHNOLOGY
(GROUP) CO.,LTD.**

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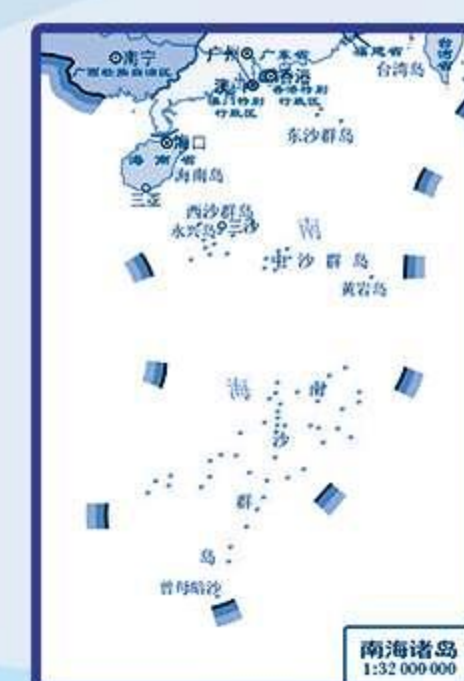


**HARBIN DONGSHENG
METAL TECHNOLOGY (GROUP) CO., LTD.**

CANGZHOU DONGSHENG METAL CO., LTD.

CANGZHOU DONGZHONG METAL CO., LTD.

**ANHUI DONGBOSHENGYE
NEW MATERIAL TECHNOLOGY CO., LTD.**



Head office:

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Email: sales@sinodongsheng.com
<http://www.sinodongsheng.com>



Plants:

HARBIN DONGSHENG METAL TECHNOLOGY (GROUP) CO., LTD.

Address: Intersection of Hanan 10th Avenue and Hanan 13th Road, Harbin city, Heilongjiang, China

CANGZHOU DONGSHENG METAL CO., LTD.

Address: No.11A Beihai Road, Development Zone, Cangzhou city, Hebei, China

CANGZHOU DONGZHONG METAL CO., LTD.

Address: Fenghuang Industrial Zone, Cangzhou City, Hebei, China

ANHUI DONGBOSHENGYE NEW MATERIAL TECHNOLOGY CO., LTD.

Address: Economic Development Zone, Huaibei city, Anhui, China





DONGSHENG GROUP // INTRODUCTION

Harbin Dongsheng Metal Technology (Group) Co., Ltd., founded in 1995, is a national high-tech enterprise integrating scientific research, production and sales.

"Single champion enterprise in manufacturing industry" recognized by the Ministry of Industry and Information Technology, the first drafter of China national industrial standard of "Aluminum and Aluminum Alloying Additives", and the first ISO9001 enterprise in Alloying additives industry. As the world's largest manufacturer of Alloying additives, Dongsheng also has a national postdoctoral research workstation and has been recognized as Excellent Supplier in aluminum processing industry by the "China Non-ferrous Metals Association".

Since establishment, Dongsheng has more than 100 patents, including two invention patents that won the 17th and 19th China Patent Awards.

Dongsheng has independently developed five series of auxiliary materials, including **Aluminum alloying tablets, Fast melting silicon, Master alloys, Aluminum titanium boron grain refiners, and Modifiers**. We maintain stable cooperative relationships with nearly 300 customers worldwide, and our products are exported to nearly 40 countries and regions. We are an important supplier to the top ten aluminum companies and most well-known aluminum groups in the world. Our Aluminum alloying tablets has been updated to the fifth generation, with a metal content increased from 60% to 97%, which is the highest content in the world of industrialized production.

Dongsheng has fully invested four major production bases in Harbin, Cangzhou, and Huaibei city, with a transportation network covering the whole country. At the same time, we have independent warehouses in Fujian, Jiangsu, Chongqing, and Guangdong, to ensure fast and efficient product distribution.

Provide specialized products and innovative solutions to the global market, Dongsheng adheres to its original intention and mission, and works hand in hand with you to shape the future of Aluminum industry.

Five major series and over 100 kinds of products fully cover the whole chain of aluminum alloy industry. Let every metal in the world contain elements from Dongsheng!

- ◎ ALUMINUM ALLOYING TABLETS
- ◎ MASTER ALLOYS
- ◎ GRAIN REFINERS
- ◎ MODIFIERS

ALUMINUM ALLOYING TABLETS

Product Introduction



IRON TABLET

Content | 75%-97%

Specification | Tablet: 500-1,333g / Mini-tablet ≤ 200g

MANGANESE TABLET

Content | 75%-95%

Specification | Tablet: 500-1,333g / Mini-tablet ≤ 200g



COPPER TABLET

Content | 75%-95%

Specification | Tablet: 500-1,000g / Mini-tablet ≤ 200g

TITANIUM TABLET

Content | 75%-98%

Specification | Tablet: 500-1,000g / Mini-tablet ≤ 200g





CHROMIUM TABLET >>>

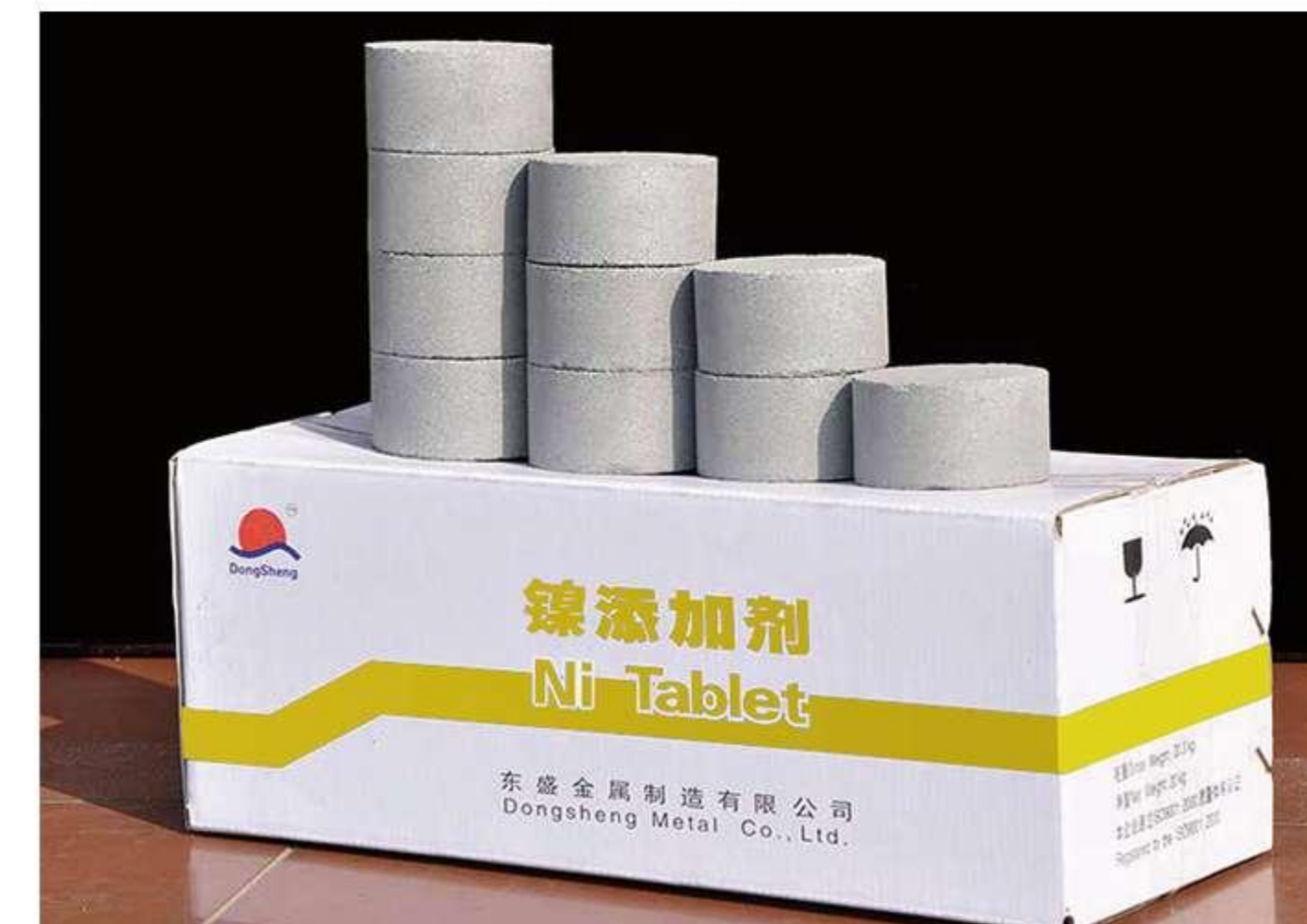
Content | 60%-90%

Specification | Tablet: 500-1,000g / Mini-tablet ≤ 200g

NICKEL TABLET >>>

Content | 75%-80%

Specification | Tablet: 500-1,000g / Mini-tablet ≤ 200g



FAST MELTING SILICON >>>

Content | 95%

Specification | 10-20kg per plastic/paper bag

USAGE INTRODUCTION

1. After the aluminum is fully melted, stir the aluminum liquid until temperature is uniform.
2. Temperature should be above 730°C.
3. Put required amount of tablets into the liquid dispersedly after drossing off..
4. Keep still for 10 minutes, fully stir 5 minutes, refine 20 minutes, then final analyzing can be done after 5 minutes.



ADVANTAGES

1. **High recovery rate:** above 95%. (Fast melting silicon and Titanium tablets above 90%). Stable recovery rate, avoiding dilution procedure, saving energy costs and improve efficiency.
2. **Low temperature and rapid melting:** products can be fully melted within 30 minutes at 730 °C. With suitable melting conditions, it can be completely melted within 10 minutes, greatly improving production efficiency and reducing energy consumption.
3. **Stable Quality:** With a strict quality control system, we ensure the quality of each batch of products is stable and consistent.
4. **Customization services:** We can customize production according to your requirement.

MASTER ALLOYS

Product Introduction



ALB MASTER ALLOY >>>

Content | 3%-8%

Specification | 7-9kg waffle



ALSI MASTER ALLOY >>>

Content | 1%-50%

Specification | 7-9kg waffle

ALFE MASTER ALLOY >>>

Content | 5%-20%

Specification | 7-9kg waffle



ALMN MASTER ALLOY >>>

Content | 10%-25%

Specification | 7-9kg waffle





ALCU MASTER ALLOY

Content | 10%-50%
Specification | 7-9kg waffle



ALTI MASTER ALLOY

Content | 5%-15%
Specification | 7-9kg waffle

GRAIN REFINERS

Product Introduction



ALTI5%B1%

SPECIFICATION | 1.Stick: Diameter:9.5mm, Lenth:500mm/1,000mm
2.Coil: 180kg/coil
3.Ingot: 2kg/ingot

ALTI5%B0.2%

SPECIFICATION | 1.Stick: Diameter:9.5mm, Lenth:500mm/1,000mm
2.Coil: 180kg/coil
3.Ingot: 2kg/ingot

ALTI3%B1%

SPECIFICATION | 1.Stick: Diameter:9.5mm, Lenth:500mm/1,000mm
2.Coil: 180kg/coil
3.Ingot: 2kg/ingot



- Uniform content:** Produce by pure aluminum and high-purity raw materials, element content conform to industry standards and achieves highly uniform alloy composition.
- Reduce surface inclusions:** Optimize production processes, achieve finer grain structure and higher purity, significantly reduce surface inclusions, improve product stability, and meet high standard applications.
- Stable ingredient:** Ensure ingredient stability during the addition process, improve production efficiency and product quality, and enhance product consistency and stability.

USAGE INTRODUCTION

- Adding temperature between 700 °C-760 °C. Addition amount depends on the specific production situation.
- After addition, sufficient stirring is important to achieve the best performance of Master alloys.

ATTENTION

Ensure the products are dry before use.



OTHERS

We can also produce : ALCR, ALNI, ALV, ALRE, and other master alloys.

TI30%B3% TABLET

SPECIFICATION | 500g/tablet

TI40%B4% TABLET

SPECIFICATION | 500g/tablet



It can release nucleation particles during the aluminum alloy casting process, prevent the formation and growth of columnar crystals, promote the formation of small equiaxed crystals, reduce the porosity of the casting alloy, avoid hot cracking, and improve the mechanical properties of the product.



MODIFIERS

Product Introduction



ALSR5%

- SPECIFICATION** | 1. Stick: Diameter:9.5mm, Lenth:500mm/1,000mm
2. Waffle: 7-9kg/waffle

ALSR10%

- SPECIFICATION** | 1. Stick: Diameter:9.5mm, Lenth:500mm/1,000mm
2. Waffle: 7-9kg/waffle



ADVANTAGES

It can transform the originally plate-shaped or needle-shaped coarse eutectic silicon in Al-Si alloys into fine fibrous or granular eutectic silicon, making the alloy structure more uniform and dense. Significantly improve the mechanical properties such as strength, plasticity, and toughness of Al-Si alloys, and enhance their casting and processing performance.



TYPICAL CUSTOMERS

Benefiting from the continuous pursuit of product quality and technological innovation, Dongsheng has gained long recognition and trust from top domestic and foreign enterprises such as Chalco, Alcoa, Rusal, and Novelis Aluminum etc.



ADVANCED LABORATORY EQUIPMENTS

Dongsheng strictly controls quality and has introduced internationally leading inspection equipment from such as Germany, United States, and Japan to ensure high quality standards of product. We are committed to providing customers with optimal products and services.

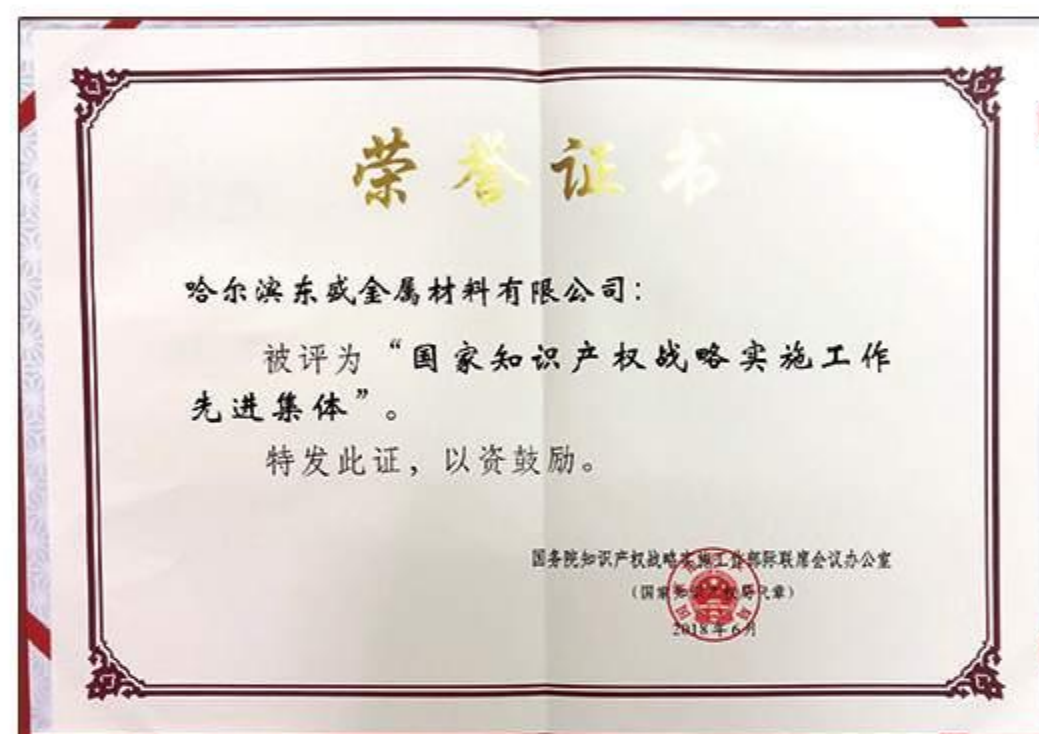
LABORATORY EQUIPMENTS



WAREHOUSE

HONOR & AWARDS

Dongsheng great honor and awards of the industry!



DONG SHENG CULTURE

